

PATENT ABSTRACTS OF JAPAN

(11) Publication number : 05-182648
 (43) Date of publication of application : 23.07.1993

(51) Int. Cl. H01M 2/02

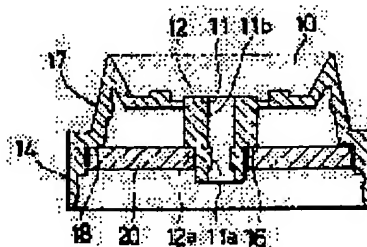
(21) Application number : 03-359213 (71) Applicant : SONY CORP
 (22) Date of filing : 28.12.1991 (72) Inventor : SAITO AKIRA
 OYA KUNIYASU

(54) ALKALINE BATTERY

(57) Abstract:

PURPOSE: To provide an alkaline battery with no leakage of an alkaline electrolyte even at the time of storage for a long period by setting a diameter of a through hole in the central part of a seal member to a small value in a position where a reinforcing member is fitted to be arranged.

CONSTITUTION: A diameter of a through hole 11 formed in a cylindrical part 12 of a seal member 10 is set small in a position 11a, where a reinforcing member 20 is mounted, and large except in this position. In this way, in a thickness part of the cylindrical part 12 of the seal member 10, leakage of an alkaline electrolyte by a compression crack, generated by a current collector pin and the reinforcing member 20, can be prevented. Leakage of the alkaline electrolyte from a clearance, generated because the current collector pin is not closely attached to the through hole 11 of the cylindrical part 12 of the seal member 10, can be prevented, and leakage resistance of the alkaline electrolyte can be improved.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

BEST AVAILABLE COPY